



101ST GENERAL ASSEMBLY

State of Illinois

2019 and 2020

HB4418

Introduced 2/3/2020, by Rep. John Connor

SYNOPSIS AS INTRODUCED:

10 ILCS 5/1A-60 new

Amends the Election Code. Requires the State Board of Elections, in consultation with the Department of Innovation and Technology, to study and evaluate the use of blockchain technology to protect voter records and election results with the assistance of specified experts. Requires the Board to submit a report on the use of blockchain technology to the Governor and General Assembly. Repeals the provisions on January 1, 2023.

LRB101 16640 SMS 66025 b

1 AN ACT concerning elections.

2 **Be it enacted by the People of the State of Illinois,**
3 **represented in the General Assembly:**

4 Section 5. The Election Code is amended by adding Section
5 1A-60 as follows:

6 (10 ILCS 5/1A-60 new)

7 Sec. 1A-60. Blockchain technology.

8 (a) As used in this Section, "blockchain technology" means
9 distributed ledger technology that uses a distributed,
10 decentralized, shared, and replicated ledger, which may be
11 public or private, permissioned or permissionless, or driven by
12 tokenized crypto economics or tokenless. The data on the ledger
13 is protected with cryptography, is immutable and auditable, and
14 provides an uncensored truth.

15 (b) The State Board of Elections, in consultation with, and
16 using data collected by, the Department of Innovation and
17 Technology, shall study and evaluate the use of blockchain
18 technology to protect voter records and election results. The
19 State Board of Elections shall evaluate the data with the
20 assistance of experts in:

21 (1) blockchain technology;

22 (2) voter fraud;

23 (3) cyber security;

1 (4) voter records; and

2 (5) election results.

3 (c) No later than one year after the effective date of this
4 amendatory Act of the 101st General Assembly, the State Board
5 of Elections shall submit to the Governor and the General
6 Assembly a report on the use of blockchain technology. The
7 State Board of Elections shall consider the use of blockchain
8 technology in other formats and in other states when creating
9 the report.

10 (d) This Section is repealed on January 1, 2023.